



Bruhat Bengaluru
Mahanagara Palike

**BRUHAT BENGALURU MAHANAGARA PALIKE,
BYATARAYANAPURA DIVISION**

***Name of Work :- Improvements to Roads and drains in Vinayaka Layout
1st Stage and surrounding areas in ward no -07, Byatarayanapura***

QUALITY CONTROL REPORTS

"FIRST & FINAL BILL"

NAME OF WORK : Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Quality Control Abstract

Job code: 007-22-000003

Bill Number: 1st & Final Bill

Name of contractor: M/S KR CONSTRUCTIONS (Sri C. Mahesh)

Sl No.	Description of Materials	Test	No of Units Tested	No of samples conducted	Test result	Remarks
1	Cement	IS: 12269-1987	Per Batch	Per Batch	Satisfactory	-
2	Fine Aggregates	IS: 383-1970	Per Batch	Per Batch	Satisfactory	-
3	Course Aggregates	As per Morth	Per Batch	Per Batch	Satisfactory	-
		to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.				
4	CSB					
5	Steel TMT	IS: 1876:2008, IS 1608:2005,IS1599:1985	Per Batch	Per Batch	Satisfactory	-
6	Slabs 100 and 250 mm		Per Batch	Per Batch	Satisfactory	-
7	M20 Concrete	Compressive Strength (IS 516-1959)	Per Batch	Per Batch	Satisfactory	-
			120	120	Satisfactory	-



M. N. D.
AE (V-1)

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Cement

Date: 17/03/2022

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	161 Min	Shall Not be less than 30 Min
2.	Final Setting Time	272 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Sieve)	1.90 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.50 N/Sqmm	Shall not be less than 27 N /Sq mm



Amulya N D
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Cement

Date: 17/03/2022

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

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Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	160 Min	Shall Not be less than 30 Min
2.	Final Setting Time	273 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Sieve)	1.90%	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.20 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.50 N/Sqmm	Shall not be less than 27 N /Sq mm



M. M. P. N. D.

C. P. A.
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Cement

Date: 17/03/2022

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	155 Min	Shall Not be less than 30 Min
2.	Final Setting Time	273 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Sieve)	1.95 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.10 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.50 N/Sqmm	Shall not be less than 27 N /Sq mm



Asst. E.E.

C.P.A.
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Fine Agg

Date: 17/03/2022

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

SIEVE ANALYSIS**Table 1.1**

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15-34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.80%	NA
2.	Silt Content	-	.60%	Not more than 8%
3.	Specific Gravity	-	2.65	--



M. N. D.
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Fine Agg

Date: 17/03/2022

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15-34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	18.00%	NA
2.	Silt Content	-	.63%	Not more than 8%
3.	Specific Gravity	-	2.70	--



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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 17/03/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.55%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.63 %	Not more than 35.0 %
3.	Water absorption, %	0.41 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %



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Amulya N.D.
C.P.D.
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Cou Agg

Date: 17/03/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)**Sub:** To conduct tests on Course Aggregates (Grade-V) mix.

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

TEST RESULTS**1. Gradation Test:****TABLE 1.1**

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision- 2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 17/03/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.54%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.65 %	Not more than 35.0 %
3.	Water absorption, %	0.42 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %



Page No. 2/2

M. H. S. NP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.**RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL****SPECIMENS 8,10, AND 12,MM DIA**

Date of Testing : 19/03/2022

Grade Of Steel: **Fe 500.**

Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm ²)	Tensile Strength (N/mm ²)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.395	540	540	13.50
2.	Fe 500	10mm	.61	545	560	14.60
3.	Fe 500	12mm	.89	575	580	14.40

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).



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Handwritten signature
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL

SPECIMENS 8,10, AND 12,MM DIA

Date of Testing : 19/03/2022

Grade Of Steel: **Fe 500.**

Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm2)	Tensile Strength (N/mm2)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.33	545	550	13.60
2.	Fe 500	10mm	.65	557	573	14.56
3.	Fe 500	12mm	.84	572	581	14.90

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).



M. M. M. D.

C. S. A.
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 26/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	19-03-2022	26-03-2022	8.32	7	355.00	15.78	16.13
2	Concrete 1st stage, 1A, 2B, 3A, 4B, 5A, 6B Cross Roads and Culverts	"	"	8.12	"	369.00	16.40	
3		"	"	8.62	"	341.00	15.16	
4		"	"	8.64	"	352.00	15.64	
5		"	"	8.69	"	385.00	17.11	
6		"	"	8.00	"	376.00	16.71	



Amey N.D

C.P.D
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 16/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	19-03-2022	16-04-2022	8.41	28	587.00	26.09	25.24
2	Concrete	"	"	8.63	"	563.00	25.02	
3	1st stage, 1A, 2B,	"	"	8.45	"	524.00	23.29	
4	3A, 4B, 5A,	"	"	8.64	"	569.00	25.29	
5	6B Cross Roads and	"	"	0.23	"	588.00	26.13	
6	Culverts	"	"	8.61	"	576.00	25.60	



Amulya N.D

CPS
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 26/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	19-03-2022	26-03-2022	8.32	7	352.00	15.64	17.52
2		"	"	8.21	"	400.00	17.78	
3	Concrete 1st stage, 1A, 2B,	"	"	8.14	"	425.00	18.89	
4	3A, 4B, 5A,	"	"	8.24	"	410.00	18.22	
5	6B Cross Roads and	"	"	8.12	"	394.00	17.51	
6	Culverts	"	"	8.00	"	384.00	17.07	



M. Mahesh . H.D

(Signature)
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 26/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	19-03-2022	26-03-2022	8.32	7	352.00	15.64	17.52
2	Raft	"	"	8.21	"	400.00	17.78	
3	Concrete	"	"	8.14	"	425.00	18.89	
4	1A, 2B,	"	"	8.24	"	410.00	18.22	
5	3A, 4B, 5A,	"	"	8.12	"	394.00	17.51	
6	6B Cross Roads and Culverts	"	"	8.00	"	384.00	17.07	



Amey. H D

CPS
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Cou Agg

Date: 17/03/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)**Sub:** To conduct tests on Course Aggregates (Grade-V) mix.

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

TEST RESULTS**1. Gradation Test:****TABLE 1.1**

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision- 2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

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(Signature)
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 28/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-02-2022	01-03-2022	8.20	7	410.00	18.22	17.91
2	Sides	"	"	8.36	"	421.00	18.71	
3	Concrete	"	"	8.36	"	430.00	19.11	
4	1st stage,	"	"	8.41	"	384.00	17.07	
5	1A, 2B,	"	"	8.25	"	397.00	17.64	
6	3A, 4B, 5A, 6B Cross Roads and Culverts	"	"	8.36	"	376.00	16.71	



Signature M/D

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 18/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-02-2022	22-03-2022	8.12	28	555.00	24.67	23.33
2	Sides	"	"	8.36	"	510.00	22.67	
3	Concrete	"	"	8.22	"	563.00	25.02	
4	1st stage,	"	"	8.20	"	520.00	23.11	
5	1A, 2B,	"	"	8.30	"	490.00	21.78	
6	3A, 4B, 5A, 6B Cross Roads and Culverts	"	"	8.45	"	511.00	22.71	



M. K. S. M.D.
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 28/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	21-03-2022	28-03-2022	8.21	7	430.00	19.11	17.78
2	Sides	"	"	8.24	"	579.00	25.73	
3	Concrete	"	"	8.14	"	241.00	10.71	
4	1st stage,	"	"	8.29	"	361.00	16.04	
5	1A, 2B,	"	"	8.41	"	405.00	18.00	
6	3A, 4B, 5A, 6B Cross Roads and Culverts	"	"	8.36	"	384.00	17.07	



M. N. D.

(Signature)
 Assistant Executive Engineer
 Kadigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 18/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	21-03-2022	18-04-2022	8.20	28	551.00	24.49	24.19
2	Sides	"	"	8.21	"	564.00	25.07	
3	Concrete	"	"	8.65	"	534.00	23.73	
4	1A, 2B,	"	"	8.30	"	560.00	24.89	
5	3A, 4B, 5A,	"	"	8.45	"	521.00	23.16	
6	6B Cross Roads and Culverts	"	"	8.64	"	536.00	23.82	



M. M. N. D.

C. P. S.
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 28/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	21-03-2022	28-03-2022	8.33	7	398.00	17.69	17.98
2	Sides	"	"	8.41	"	409.00	18.18	
3	Concrete	"	"	8.30	"	435.00	19.33	
4	1st stage,	"	"	8.10	"	410.00	18.22	
5	1A, 2B,	"	"	8.00	"	395.00	17.56	
6	3A, 4B, 5A, 6B Cross Roads and Culverts	"	"	8.25	"	380.00	16.89	



Amey. W.D

C.P.D
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 18/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	21-03-2022	18-04-2022	8.21	28	500.00	22.22	23.20
2	Sides	"	"	8.23	"	531.00	23.60	
3	Concrete	"	"	8.28	"	546.00	24.27	
4	1A, 2B,	"	"	8.10	"	540.00	24.00	
5	3A, 4B, 5A,	"	"	8.15	"	505.00	22.44	
6	6B Cross Roads and Culverts	"	"	8.43	"	510.00	22.67	



Dmly. N.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 18/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	21-03-2022	18-04-2022	8.21	28	500.00	22.22	23.20
2	Sides	"	"	8.23	"	531.00	23.60	
3	Concrete	"	"	8.28	"	546.00	24.27	
4	1st stage,	"	"	8.10	"	540.00	24.00	
5	1A, 2B,	"	"	8.15	"	505.00	22.44	
6	3A, 4B, 5A, 6B Cross Roads and Culverts	"	"	8.43	"	510.00	22.67	



Rajesh . N.D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 27/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	20-03-2022	27-03-2022	8.61	7	425.00	18.89	17.36
2	Raft	"	"	8.34	"	416.00	18.49	
3	Concrete	"	"	8.51	"	375.00	16.67	
4	1B, 2A,	"	"	8.56	"	367.00	16.31	
5	3B, 4A, 5B,	"	"	8.41	"	381.00	16.93	
6	6A Cross Roads and Culverts	"	"	8.23	"	379.00	16.84	



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 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 17/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	20-03-2022	17-04-2022	8.41	28	532.00	23.64	23.36
2	Concrete	"	"	8.35	"	543.00	24.13	
3	1st stage,	"	"	8.27	"	525.00	23.33	
4	1B, 2A,	"	"	8.22	"	555.00	24.67	
5	3B, 4A, 5B,	"	"	8.35	"	512.00	22.76	
6	6A Cross Roads and Culverts	"	"	8.14	"	486.00	21.60	



M. N. U. D.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 16/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

SI No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	19-03-2022	16-04-2022	8.32	28	520.00	23.11	24.06
2		"	"	8.65	"	536.00	23.82	
3	Concrete 1st stage,	"	"	8.45	"	514.00	22.84	
4	1A, 2B,	"	"	8.67	"	536.00	23.82	
5	3A, 4B, 5A,	"	"	8.10	"	544.00	24.18	
6	6B Cross Roads and Culverts	"	"	8.22	"	598.00	26.58	



M. M. D.

C. P. D.
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 17/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	20-03-2022	17-04-2022	8.00	28	533.00	23.69	22.94
2	Concrete 1st stage, 1B, 2A, 3B, 4A, 5B, 6A Cross Roads and Culverts	"	"	8.23	"	514.00	22.84	
3		"	"	8.35	"	529.00	23.51	
4		"	"	8.17	"	548.00	24.36	
5		"	"	8.59	"	494.00	21.96	
6		"	"	8.65	"	479.00	21.29	

Amulya D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore



SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 29/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-03-2022	29-03-2022	8.30	7	405.00	18.00	18.32
2	Sides	"	"	8.15	"	423.00	18.80	
3	Concrete	"	"	8.62	"	431.00	19.16	
4	1st stage,	"	"	8.41	"	387.00	17.20	
5	1B, 2A,	"	"	8.55	"	399.00	17.73	
6	3B, 4A, 5B, 6A Cross Roads and Culverts	"	"	8.36	"	428.00	19.02	



M. N. S. W. D.

C. S. R.
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 19/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20****Table 1.1**

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-03-2022	29-03-2022	8.14	28	543.00	24.13	24.21
2	Sides	"	"	8.61	"	585.00	26.00	
3	Concrete	"	"	8.25	"	547.00	24.31	
4	1B, 2A,	"	"	8.36	"	512.00	22.76	
5	3B, 4A, 5B,	"	"	8.10	"	532.00	23.64	
6	6A Cross Roads and Culverts	"	"	8.00	"	550.00	24.44	



M. Mahesh . N.D

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 29/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-03-2022	29-03-2022	8.21	7	421.00	18.71	16.14
2	Sides	"	"	8.24	"	63.00	2.80	
3	Concrete	"	"	8.14	"	415.00	18.44	
4	1st stage,	"	"	8.29	"	422.00	18.76	
5	1B, 2A,	"	"	8.41	"	433.00	19.24	
6	3B, 4A, 5B, 6A Cross Roads and Culverts	"	"	8.36	"	425.00	18.89	



M. M. N. D.

Cp
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 19/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Sides	22-03-2022	19-04-2022	8.20	28	541.00	24.04	25.01
2	Concrete 1st stage, 1B, 2A, 3B, 4A, 5B, 6A Cross Roads and Culverts	"	"	8.21	"	567.00	25.20	
3		"	"	8.65	"	555.00	24.67	
4		"	"	8.30	"	548.00	24.36	
5		"	"	8.45	"	568.00	25.24	
6		"	"	8.64	"	598.00	26.58	



Mmup. N.D


Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 29/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

SI No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-03-2022	29-03-2022	8.21	7	405.00	18.00	16.95
2	Sides	"	"	8.23	"	365.00	16.22	
3	Concrete	"	"	8.14	"	394.00	17.51	
4	1st stage,	"	"	8.25	"	385.00	17.11	
5	1B, 2A,	"	"	8.10	"	374.00	16.62	
6	3B, 4A, 5B,	"	"	8.36	"	365.00	16.22	
	6A Cross Roads and Culverts	"	"					



Signature N.D

Signature
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 19/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-03-2022	19-04-2022	8.14	28	542.00	24.09	23.73
2	Sides	"	"	8.63	"	563.00	25.02	
3	Concrete	"	"	8.25	"	524.00	23.29	
4	1B, 2A,	"	"	8.33	"	561.00	24.93	
5	3B, 4A, 5B,	"	"	8.44	"	513.00	22.80	
6	6A Cross Roads and Culverts	"	"	8.25	"	500.00	22.22	



M. N. D.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Side Walls

Date: 19/04/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES**CUBE SPECIMENS**

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout,	22-03-2022	19-04-2022	8.14	28	542.00	24.09	23.73
2	Sides	"	"	8.63	"	563.00	25.02	
3	Concrete	"	"	8.25	"	524.00	23.29	
4	1B, 2A,	"	"	8.33	"	561.00	24.93	
5	3B, 4A, 5B,	"	"	8.44	"	513.00	22.80	
6	6A Cross Roads and Culverts	"	"	8.25	"	500.00	22.22	



M.M. N.D

(Signature)
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/DRN. Slab

Date: 17/04/2022

Precast Drain Slab 100mm Thick (Core Cutting Method) Test Report

Sub: Testing of Concrete Drain Slab (Core Cutting Method) - Compressive Strength

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CORE**CORE SPECIMENS**Grade Of concrete: **M20**

Technical Ref.: IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weight of Core (KG)	Density of core (KG/m ³)	H/D	Correction factor of H/D	Load KN	Compressive Strength N/mm ²	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equivalent Cube Compressive Strength
1.	81	.355	2317.9	1.56	.960	34.5	17.57	18.98	18.22	22.95
2.	80	.368	2342.7	1.60	.960	35.6	18.13	19.58	18.80	23.40
3.	82	.382	2372.5	1.64	.960	33.2	16.91	18.26	17.53	21.95



M.M.S. .ND

(Signature)
 Assistant Executive Engineer
 Kodigehalli Sub Division
 BBMP, Bangalore

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

#1133, 3rd Floor, 3rd Stage, B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP-D/PMC/VIN-01/Raft

Date: 27/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

Name of Work :- Improvements to Roads and drains in Vinayaka Layout 1st Stage and surrounding areas in ward no -07, Byatarayanapura

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/S KR CONSTRUCTIONS (Sri C Mahesh).

RESULTS OF COMPRESSIVE STRENGTH OF CONCRETE CUBES

CUBE SPECIMENS

Dimensions of Specimens: 150x150x150mm

Grade Of concrete: M20

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength N/mm ²	Average Strength N/mm ²
1	Vinayaka layout, Raft	20-03-2022	27-03-2022	8.22	7	418.00	18.58	17.51
2	Concrete	"	"	8.41	"	385.00	17.11	
3	1st stage, 1B, 2A,	"	"	8.25	"	392.00	17.42	
4	3B, 4A, 5B,	"	"	8.63	"	376.00	16.71	
5	6A Cross Roads and	"	"	8.45	"	384.00	17.07	
6	Culverts	"	"	8.32	"	409.00	18.18	



M. H. U. D

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore